

**Abstract**

Crystalline monohydrate of ( $1\alpha,2\beta,4\beta,5\alpha,7\beta$ )-7-[(hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-3-oxa-9-azoniatricyclo[3.3.1.0<sup>2,4</sup>]nonane bromide (tiotropium bromide monohydrate), processes for the preparation thereof, pharmaceutical compositions thereof, and their use.